

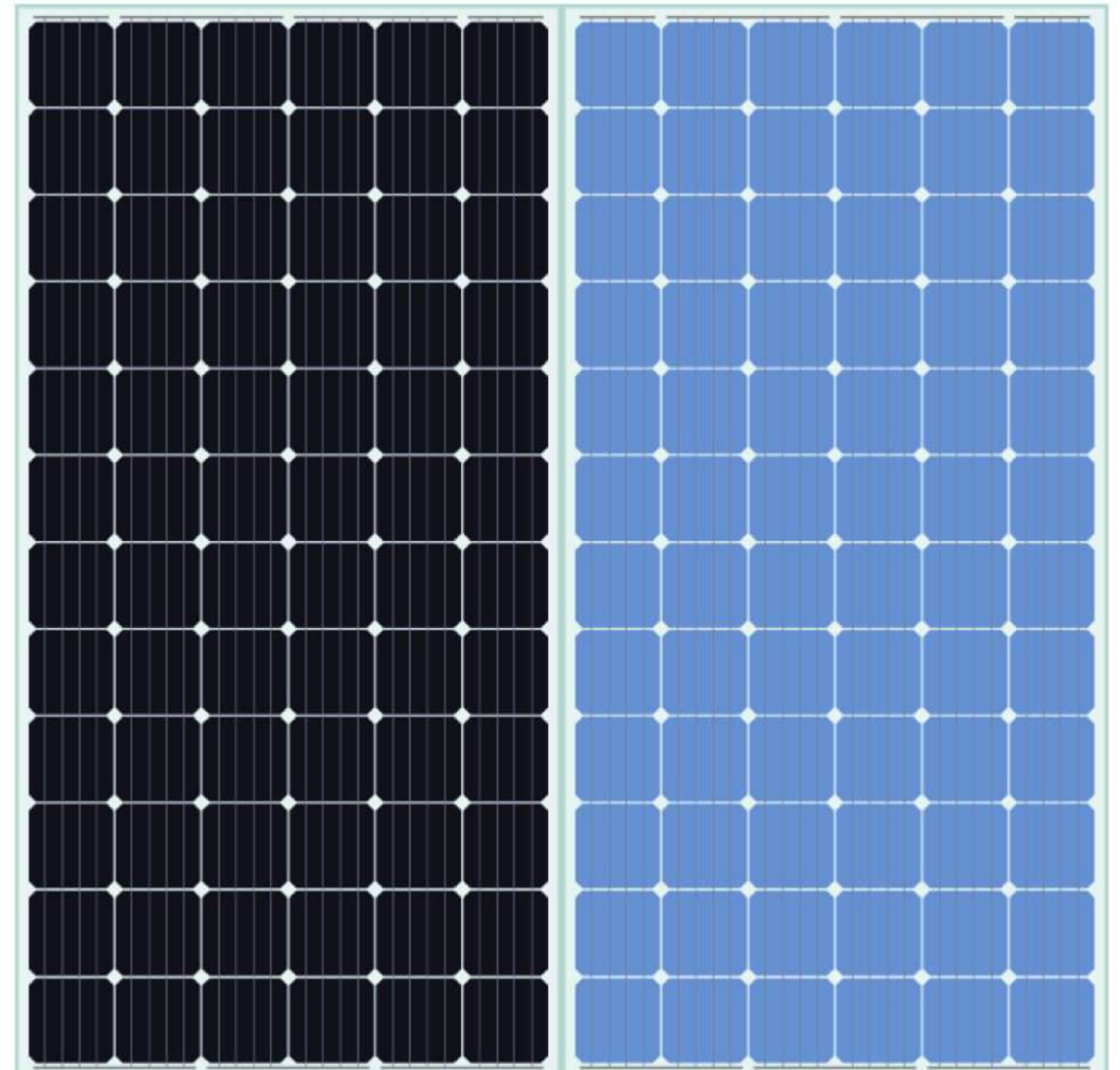
370-400W

Bifacial
Solar cell

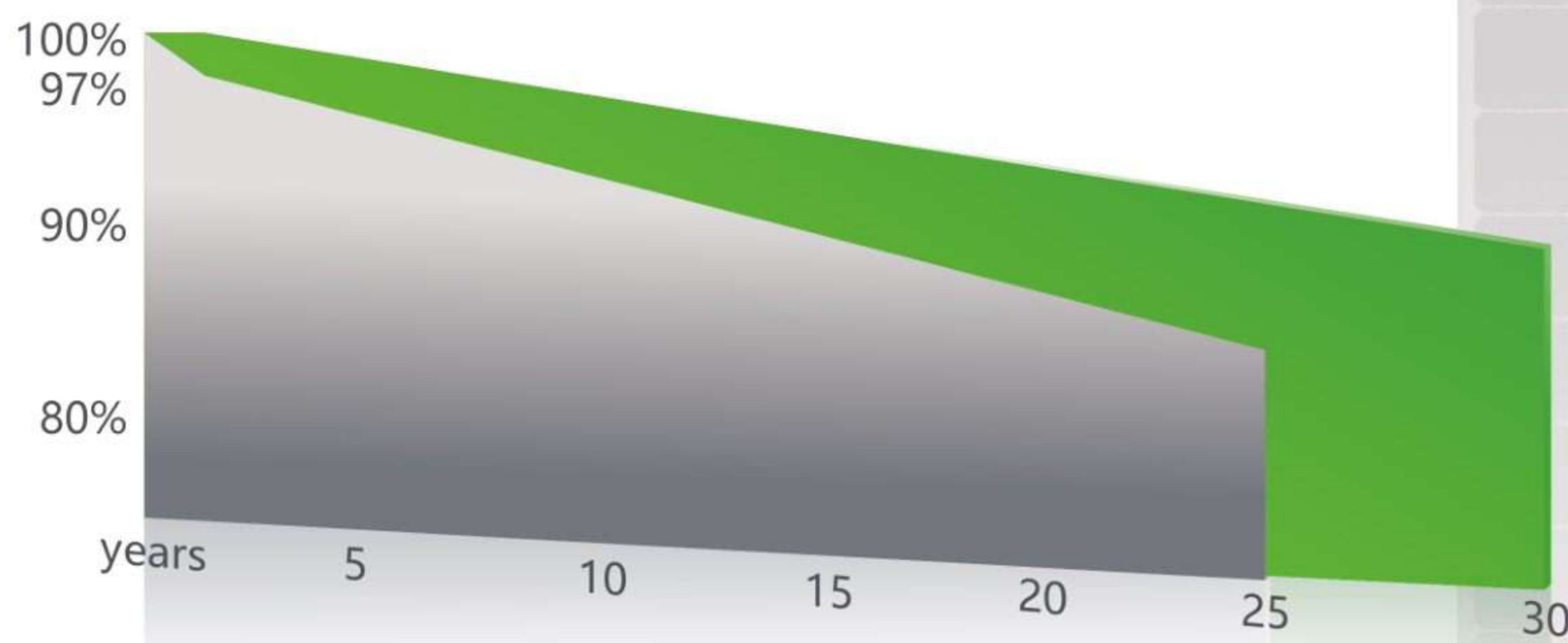
20.68%
Max efficiency

30 years
Warranty

2 mm+2 mm
Thickness



Dual-glass solar module linear warranty



Conventional solar module linear warranty
Dual-glass solar module linear warranty

12 years product warranty / 30 years performance warranty



Power generated on both sides, up to 30% yield increasing



Assemble with thinner and lighter glass in only 2mm



Great heat dissipation by replacing backsheet with glass to increase power generation



PID free by frameless design



Fully symmetrical structure to prevent micro crack



Encapsulate with POE, lower water permeability, to avoid delamination



No snail trail



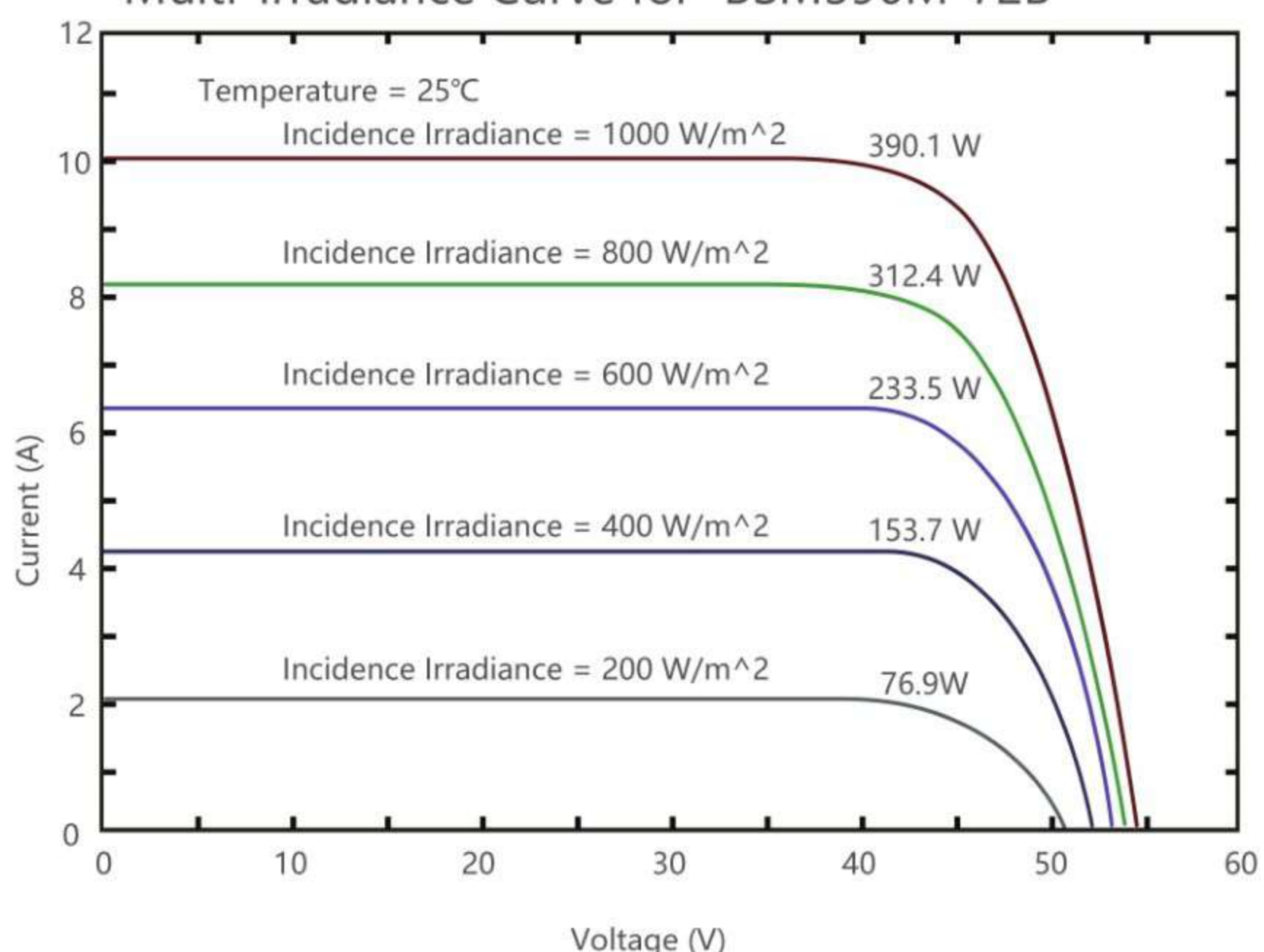
Highly anti-corrosion, such as ammonia or saline



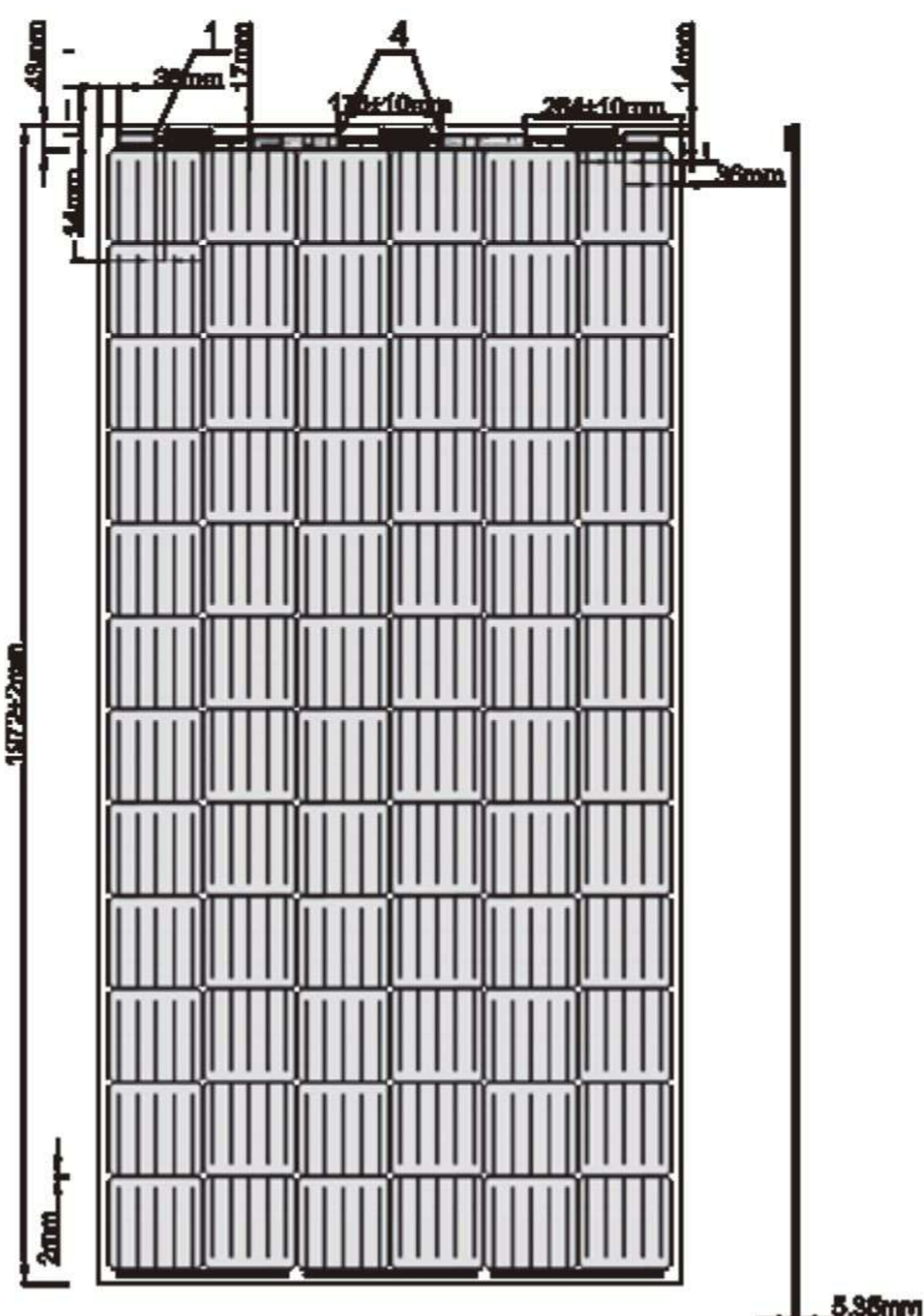
30-year linear performance warranty ensure higher ROI of the power plant

I max - V max

Multi-Irradiance Curve for BSM390M-72B



DIMENSION(mm)



ELECTRICAL SPECIFICATION (STC)

Module	BSM370M-72B	BSM380M-72B	BSM390M-72B	BSM400M-72B
Rated Power (Pmpp) (W)	370	380	390	400
Power Output Tolerance (W)	0~+5			
Rated Current (Imp) (A)	9.52	9.72	9.92	10.12
Rated Voltage (Vmpp) (V)	39.92	40.13	40.33	40.53
Short Circuit Current (Isc) (A)	9.83	9.94	9.99	10.04
Open Circuit Voltage (Voc) (V)	48.61	48.88	49.08	49.27
Efficiency(%)	19.4	19.92	20.43	20.68
Operational Temperature	-40~+85°C			
Maximum Static Load	5400Pa			
Maximum Wind Load	2400Pa			
Maximum System Voltage	IEC:1000/1500V			
Maximum Series Fuse Rating	20A			

STC : Irradiance 1000W/m2, Cell Temperature 25°C, Air Mass AM1.5.

MECHANICAL SPECIFICATION

Cell Type	bifacial cells
Cell Orientation	156.75mm × 156.75mm
Module Dimensions	1972mm × 992mm × 5mm (J-box not included)
Weight	23.3kg
Front Glass	2mm tempered AR glass
Encapsulant	POE
Back Glass	2mm ceramic coated glass
Junction Box	IP68 (three bypass diodes)
Cable	4mm ²
Connector	MC4 / MC4 equivalent

TEMPERATURE COEFFICIENT

NOCT (Nominal Operating Cell Temperature)	45±2°C
Temperature Coefficient of Isc	+0.0484%/°C
Temperature Coefficient of Voc (β)	-0.2883%/°C
Temperature Coefficient of Pmpp (γ)	-0.3797%/°C

PACKAGING CONFIGURATION

Modules per box	33 pieces
Modules per 40' container	726 pieces



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